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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vicki W. Tsai et al.

Title: BLOCK-BASED PROCESSING IN A PACKET-BASED RECONFIGURABLE ARCHITECTURE

Docket No.: 80107.116US1

Serial No.: 10/813,461

Filed: March 30, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2819

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- A return postcard and this transmittal document.  
 An Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 6 cited documents.

**Customer Number: 45445**

By Dana B. LeMoine

Dana B. LeMoine

Reg. No. 40,062

DBL/rb

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of February, 2006.

Shellie Bailey

Signature

Shellie Bailey

(GENERAL)

S/N 10/813,461



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Vicki W. Tsai et al. Examiner: Unknown  
Serial No.: 10/813,461 Group Art Unit: 2819  
Filed: March 30, 2004 Docket: 80107.116US1  
Title: BLOCK-BASED PROCESSING IN A PACKET-BASED RECONFIGURABLE ARCHITECTURE

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**INFORMATION DISCLOSURE STATEMENT**

**MS Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the referenced materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. § 1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. The Examiner is invited to contact Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided,

**INFORMATION DISCLOSURE STATEMENT**

Serial No :10/813,461

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Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

VICKI W. TSAI ET AL.

By their Representatives,

**Customer No.: 45445**  
952-473-8800

Date 2-22-2006

By Dana B. LeMoine  
Dana B. LeMoine  
Reg. No. 40,062

**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 22 day of February, 2006.

Shellie Bailey

Signature

*Shellie Bailey*

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket No: 80107.116US1
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US PATENT DOCUMENTS					
Examiner Initial *	Cite No	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
		US-20040194048A1	09/30/2004	Arnold, J. M.	03/31/2003
		US-20050149890A1	07/07/2005	Tsai, V. W., et al.	12/29/2003
		US-20050193357A1	09/01/2005	Honary, H. et al.	02/27/2004
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		US-20050229140A1	10/13/2005	Tsai, V. W., et al.	03/31/2004
		US-5128871	07/07/1992	Schmitz, N. A.	03/07/1990
		US-6038386	03/14/2000	Jain, G.	08/21/1997
		US-6112023	08/29/2000	Dave, B. P., et al.	02/17/1998
		US-6195788	02/27/2001	Leaver, A. et al.	10/09/1998
		US-6298319	10/02/2001	Heile, F. B., et al.	08/26/1999
		US-6941538	09/06/2005	Hwang, L. J., et al.	02/22/2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
	EP-1315335A1	05/28/2003	Cimini, Jr., L. J., et al.	
	WO-05098685A2	10/20/2005	Tsai, V. , et al.	
	WO-2005098685A3	10/20/2005	Tsai, V. , et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report and Written Opinion of the International Searching Authority; Dated 12/06/2005; PCT/US2005/010387, (16 pgs),	

**EXAMINER****DATE CONSIDERED**

Substitute for form 1449A/PTO					
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<i>Complete if Known</i>	
				<b>Application Number</b>	10/813,461
				<b>Filing Date</b>	March 30, 2004
				<b>First Named Inventor</b>	Tsai, Vicki
				<b>Art Unit</b>	2819
				<b>Examiner Name</b>	Unknown
(Use as many sheets as necessary)					
Sheet	2	of	2	Attorney Docket No: 80107.116US1	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		CHANDRAMENON, G. P., et al., "Reconsidering Fragmentation and Reassembly", <u>proceedings of the 17th Annual ACM symposium on principles of distributed computing</u> , (Jun. 28, 1998),21-29	
		COMPTON, K. H., "Reconfigurable Computing: A Survey of Systems and Software", <u>ACM Computing Surveys</u> , 34(2), (June, 2002),171-210	
		GILFEATHER, P. , et al., "Fragmentation and High Performance IP", <u>Parellel abd distributed processing symposium</u> , ISSN:0-7695-0990-8,(Apr. 23, 2001),1690-1697	
		LETTIERI, P. , et al., "Adaptive Frame Length Control for Improving Wireless Link Throughput Range, and Energy Efficiency", <u>Infocom'98, 17th annual joint conf.of the IEEE Computer &amp; communicationss societies</u> , 2, (Mar.29, 1998),564-571	
		TSUI, E. , et al., "A New Distributed DSP Architechture Based on the Intel IXS for Wireless Client and Infrastructure", <u>Hot chips 14, Conf. record Session 7:digital signal processors</u> , 20 Aug.2002, (2002),1-17	

EXAMINER

DATE CONSIDERED